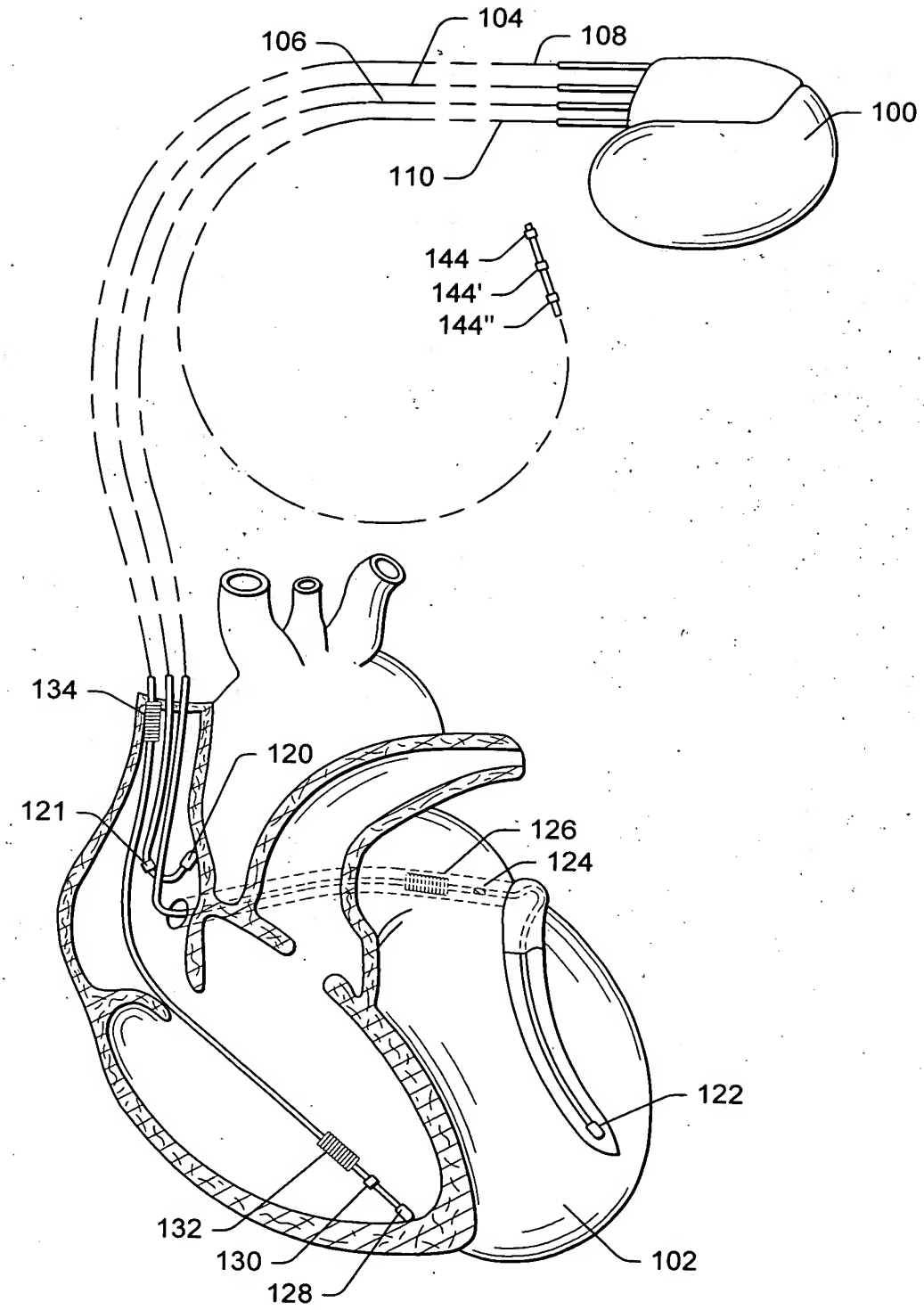
104
106
108
100
110
144
144'
144"
134
120
121
126
124
122
132
130
128
102

Fig.1

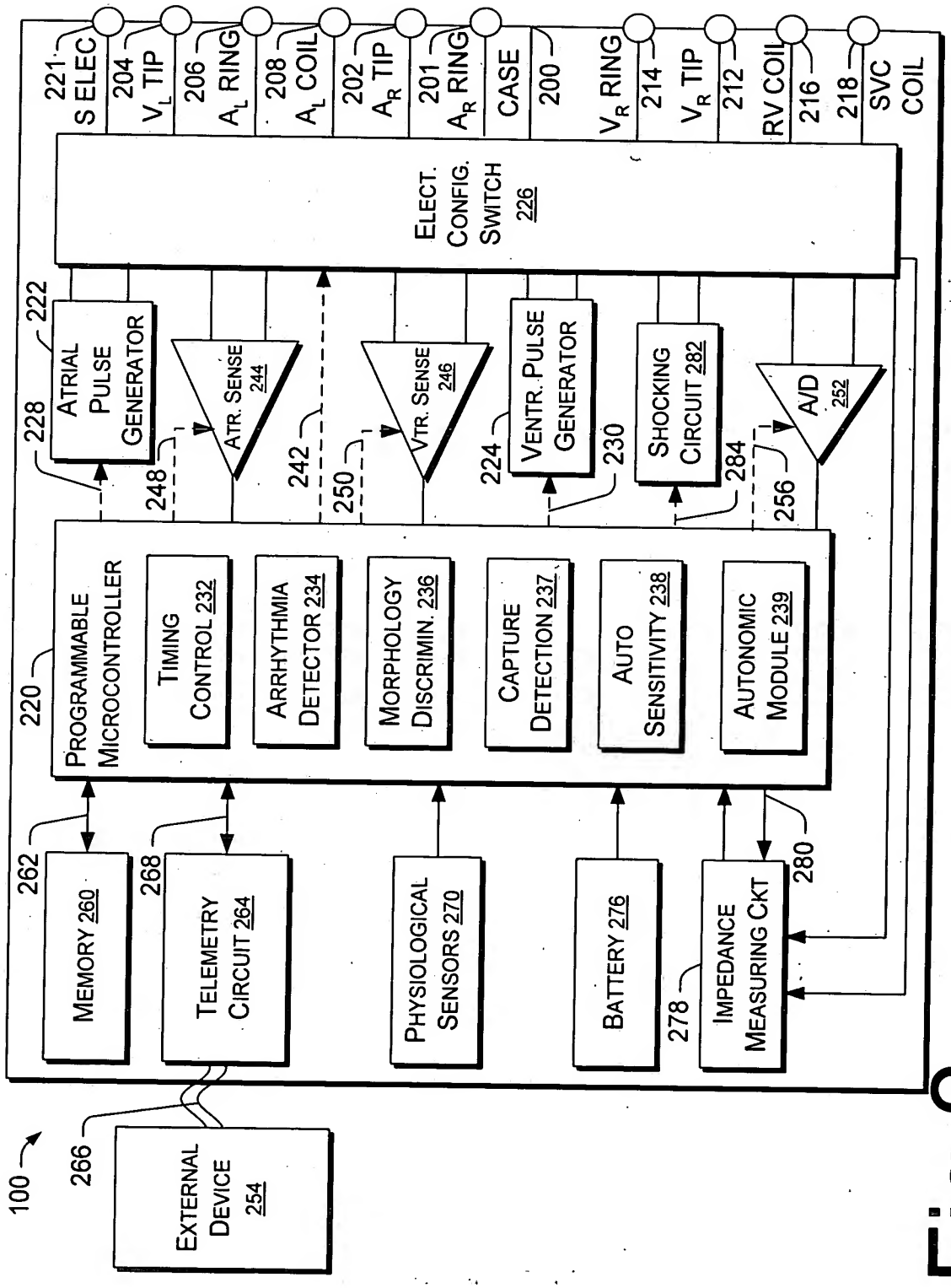
100
266
EXTERNAL DEVICE 254
262
MEMORY 260
268
TELEMETRY CIRCUIT 264
PHYSIOLOGICAL SENSORS 270
BATTERY 276
278
IMPEDANCE MEASURING CKT
280
220
PROGRAMMABLE MICROCONTROLLER
TIMING CONTROL 232
ARRHYTHMIA DETECTOR 234
MORPHOLOGY DISCRIMIN. 236
CAPTURE DETECTION 237
AUTO SENSITIVITY 238
AUTONOMIC MODULE 239
228
222
ATRIAL PULSE GENERATOR
248
ATR. SENSE 244
242
250
VTR. SENSE 246
224
VENTR. PULSE GENERATOR
230
SHOCKING CIRCUIT 282
284
256
A/D 252
ELECT. CONFIG. SWITCH 226
221 S ELEC
204 V_L TIP
206 A_L RING
208 A_L COIL
202 A_R TIP
201 A_R RING
CASE 200
V_R RING 214
V_R TIP 212
RV COIL 216
218 SVC COIL

Fig.2

EXEMPLARY PROCEDURAL PHASES
300

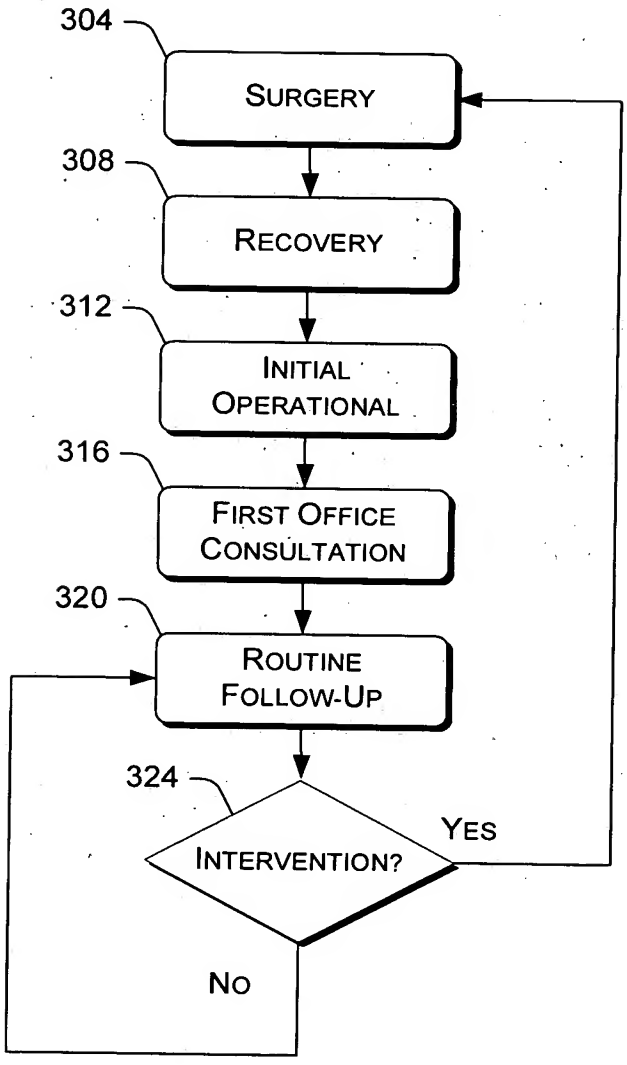

Fig.3

EXEMPLARY ROUTINE FOLLOW-UP PROCEDURES
400

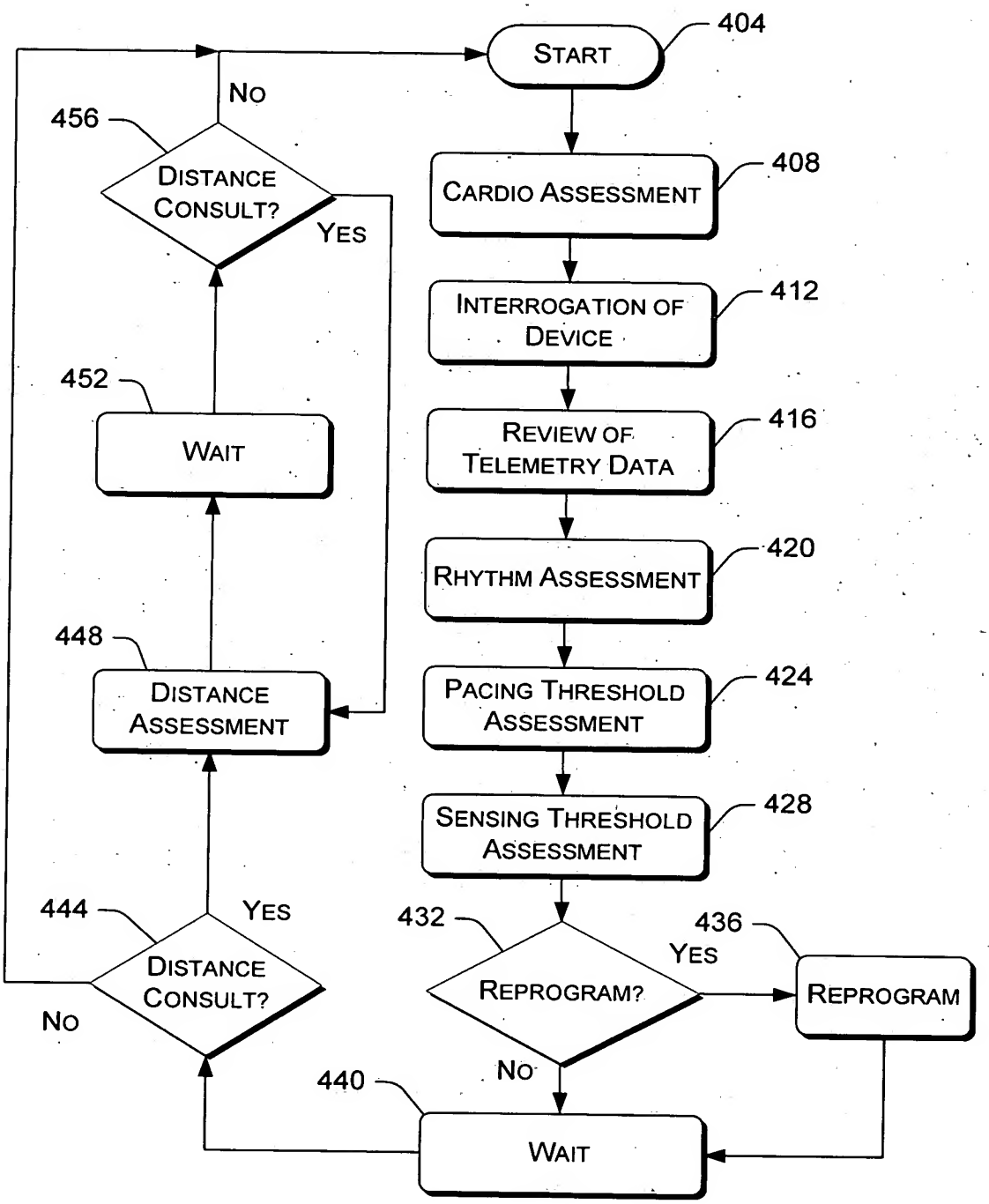

Fig.4

EXEMPLARY ENVIRONMENT
500

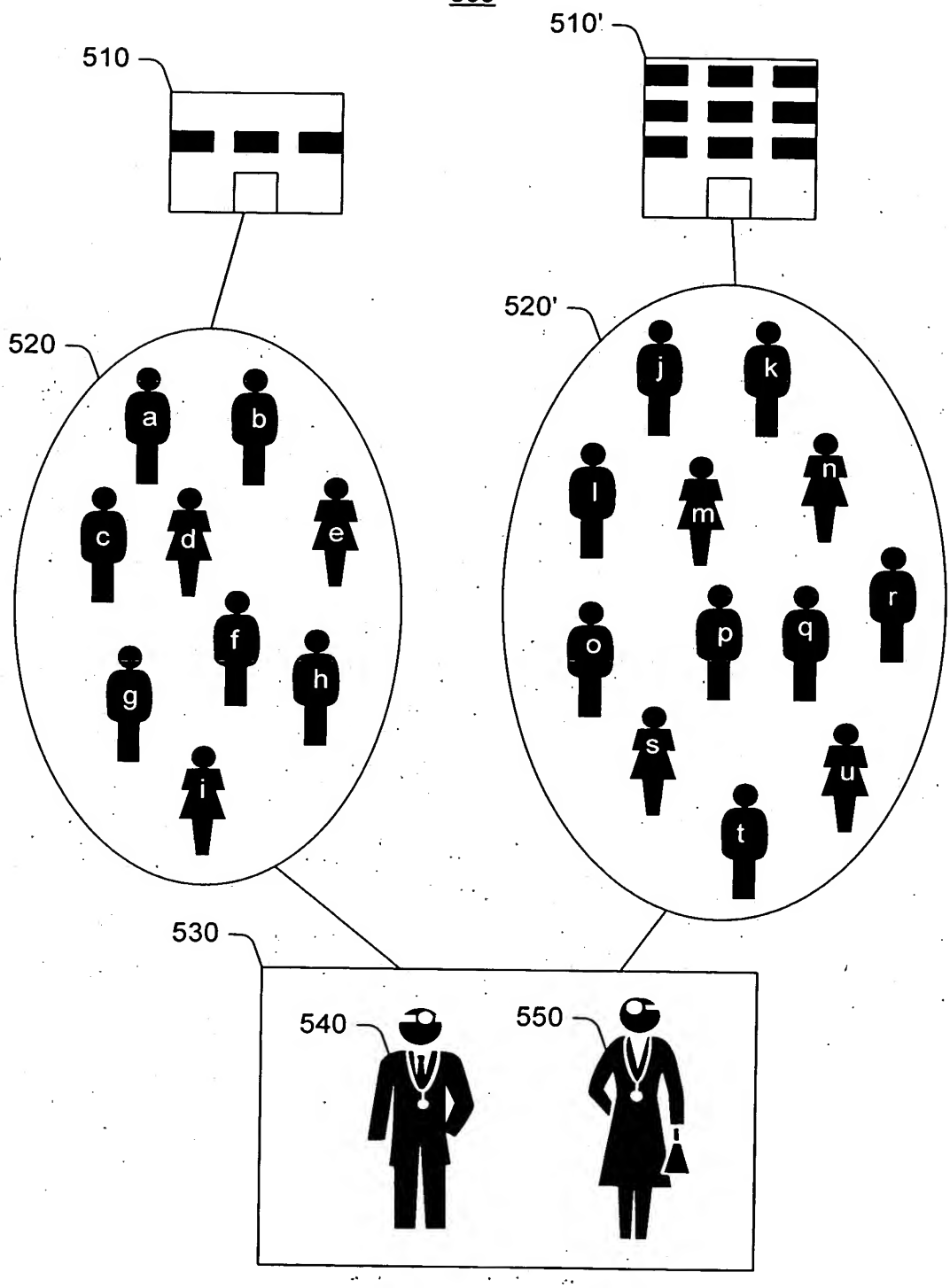

Fig.5

EXEMPLARY CONSULTATION CYCLES
600

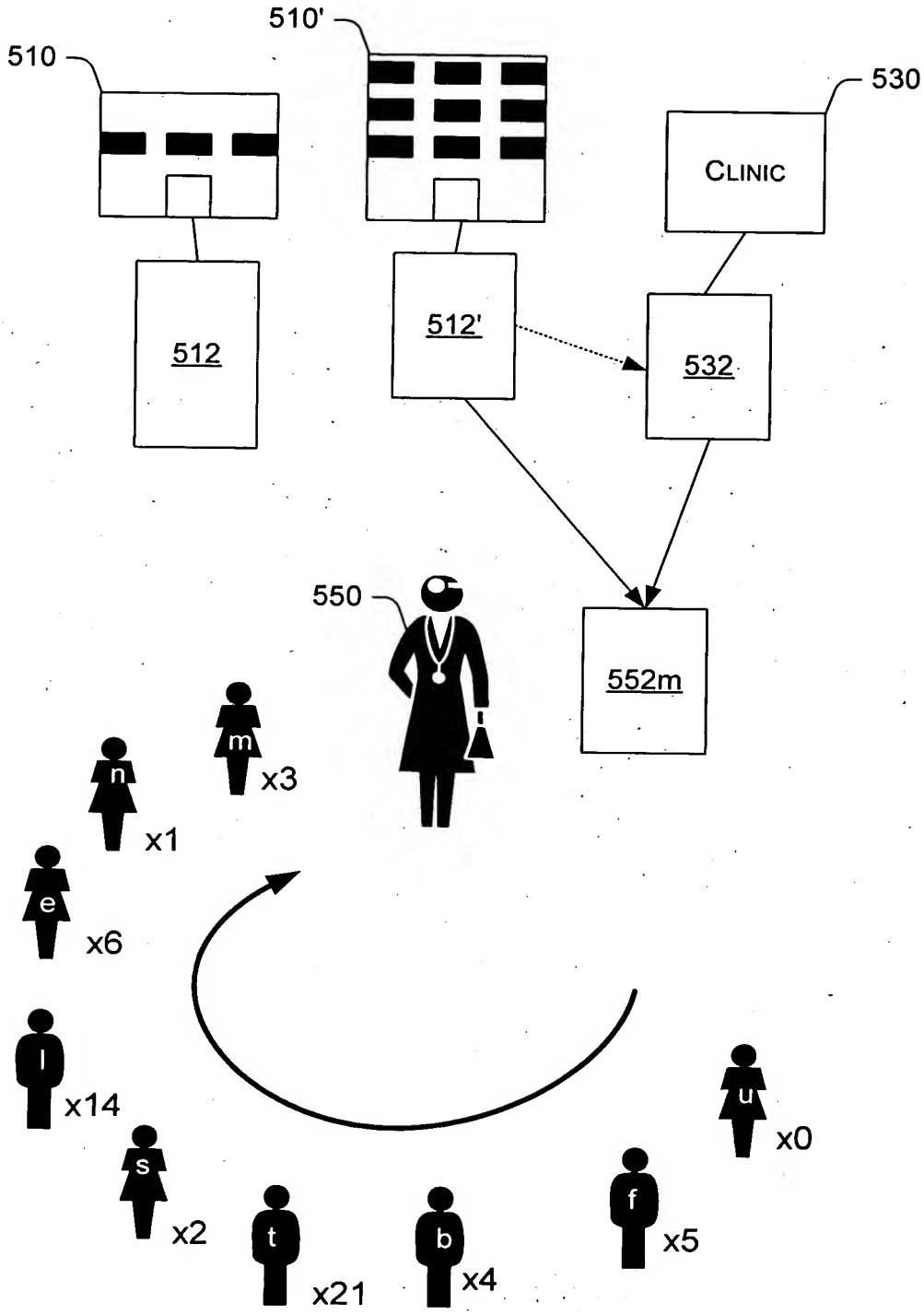

Fig.6

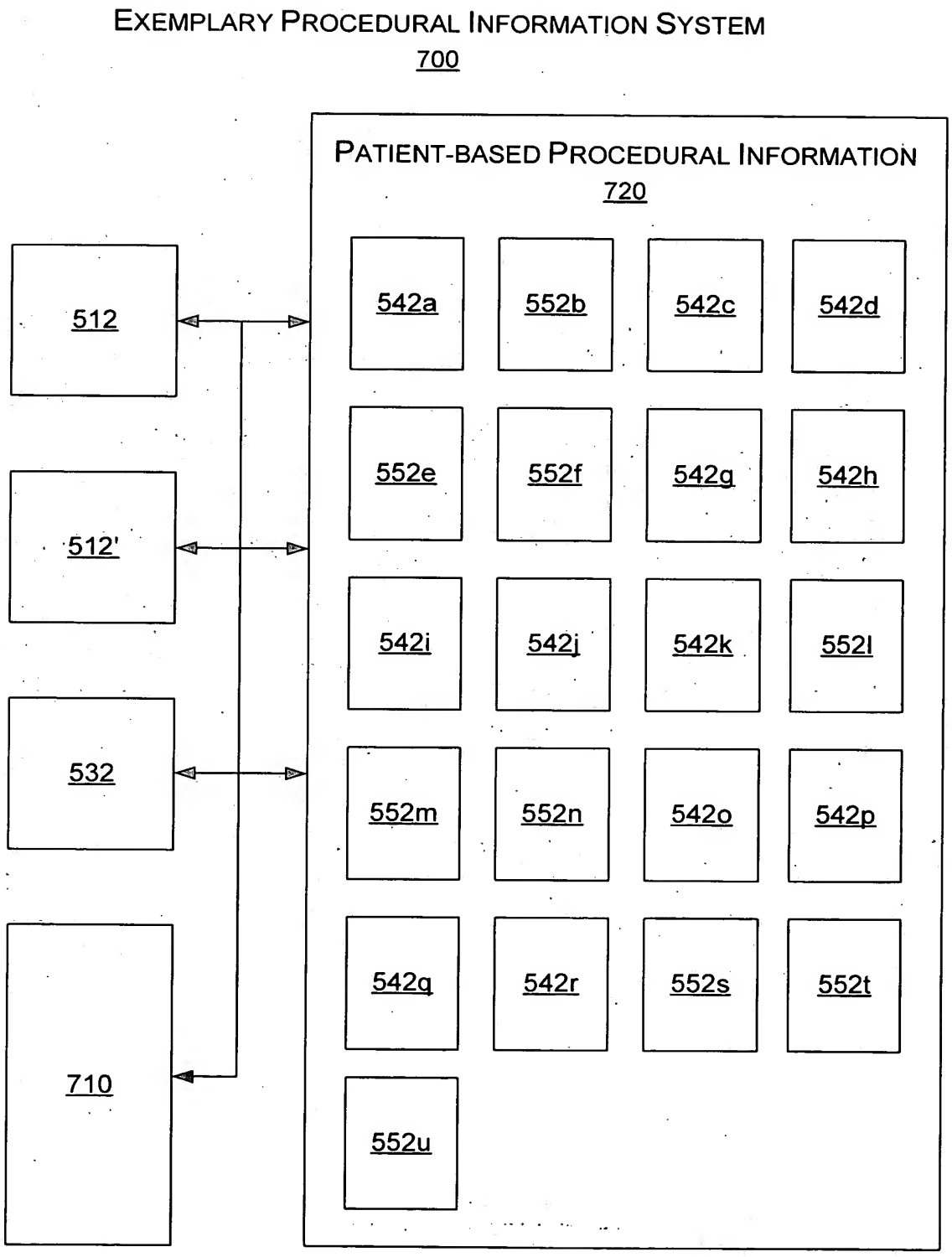
EXEMPLARY PROCEDURAL INFORMATION SYSTEM
700
PATIENT-BASED PROCEDURAL INFORMATION
720
512
512'
532
710
542a
552b
542c
542d
552e
552f
542g
542h
542i
542j
542k
552l
552m
552n
542o
542p
542q
542r
552s
552t
552u

Fig.7

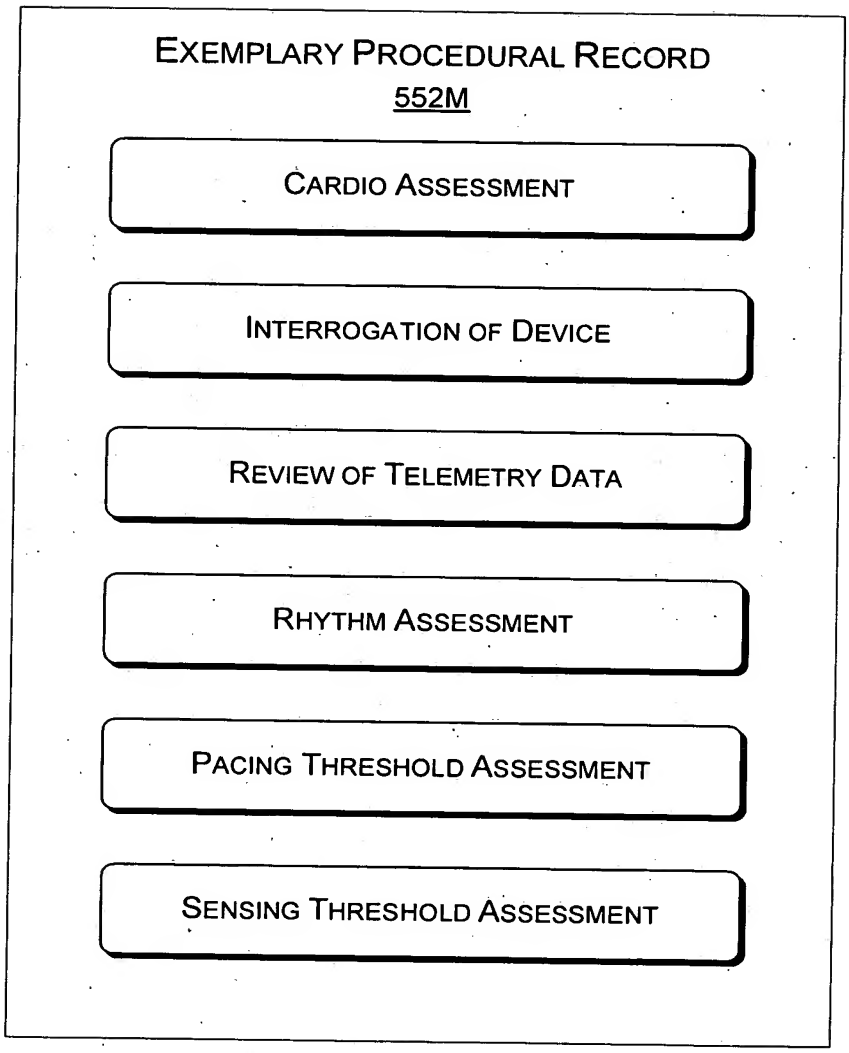
EXEMPLARY PROCEDURAL RECORD
552M
CARDIO ASSESSMENT
INTERROGATION OF DEVICE
REVIEW OF TELEMETRY DATA
RHYTHM ASSESSMENT
PACING THRESHOLD ASSESSMENT
SENSING THRESHOLD ASSESSMENT

Fig.8

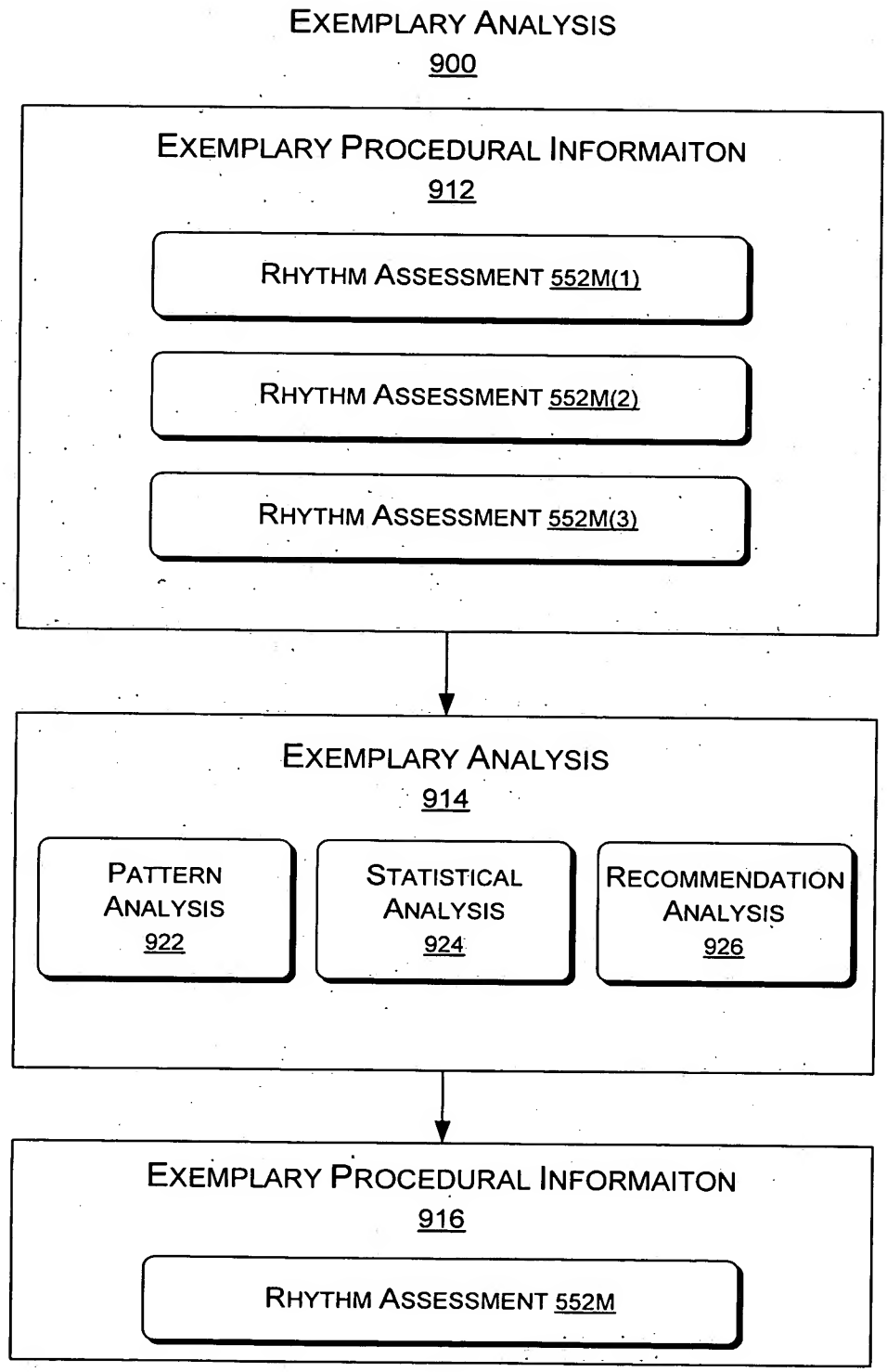
EXEMPLARY ANALYSIS
900
EXEMPLARY PROCEDURAL INFORMAITON
912
RHYTHM ASSESSMENT 552M(1)
RHYTHM ASSESSMENT 552M(2)
RHYTHM ASSESSMENT 552M(3)
EXEMPLARY ANALYSIS
914
PATTERN ANALYSIS
922
STATISTICAL ANALYSIS
924
RECOMMENDATION ANALYSIS
926
EXEMPLARY PROCEDURAL INFORMAITON
916
RHYTHM ASSESSMENT 552M

Fig.9

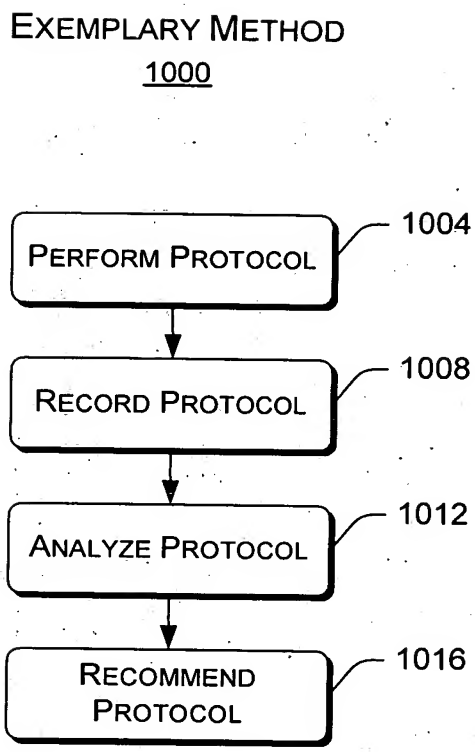
EXEMPLARY METHOD
1000
PERFORM PROTOCOL
1004
RECORD PROTOCOL
1008
ANALYZE PROTOCOL
1012
RECOMMEND PROTOCOL
1016

Fig.10

EXEMPLARY PROGRAMMING SYSTEM
1100

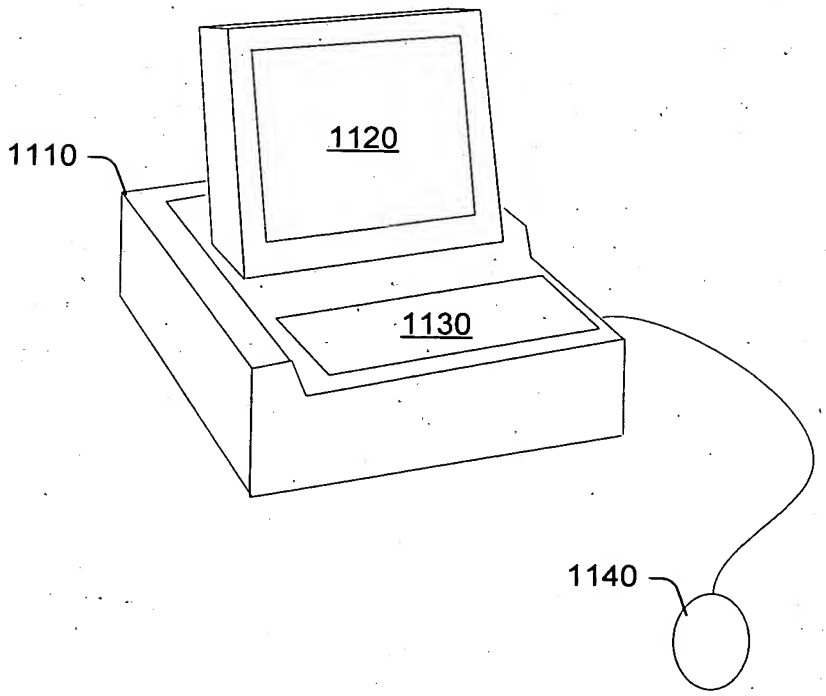

Fig.11